AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended): Diffusing substrate [[(20)]] comprising a glass substrate [[(21)]] and a diffusing layer [[(22)]] comprising mineral particles which is deposited on the [[said]] glass substrate, ~~characterized in that~~ wherein the glass substrate [[(21)]] has a light transmission at least equal to 91% calculated over the 380 to 780 nm wavelength range according to the EN 410 standard.

2. (Currently Amended): Diffusing substrate according to Claim 1, ~~characterized in that~~ wherein the light transmission is at least equal to 91.5%.

3. (Currently Amended): Diffusing substrate according to Claim 1, ~~characterized in that~~ wherein the glass substrate [[(21)]] has a total iron content such that:

$$[Fe_2O_3]_t \leq \frac{7110}{(1.52 \times e + 0.015) + (17.24 \times e + 0.37) \times \text{redox}}$$

with $[Fe_2O_3]_t$ expressed in ppm and corresponding to the total iron in the composition, e being the thickness of the glass in mm and the redox being defined by redox = $[FeO]/[Fe_2O_3]_t$, the redox being between 0 and 0.9.

4. (Currently Amended): Diffusing substrate according to Claim 2, ~~characterized in that~~ wherein the glass substrate [[(21)]] has a total iron content such that:

$$[Fe_2O_3]_t \leq \frac{2110}{(1.52 \times e + 0.015) + (17.24 \times e + 0.37) \times \text{redox}}$$

with $[Fe_2O_3]_t$ expressed in ppm and corresponding to the total iron in the composition, e being the thickness of the glass in mm and the redox being defined by redox

= $[FeO]/[Fe_2O_3]_t$, the redox being between 0 and 0.9.

5. (Currently Amended): Diffusing substrate according to ~~any one of the preceding claims, characterized in that~~ claim 1, wherein the diffusing layer [[(22)]] is composed of agglomerated particles in a binder, the said particles having a mean diameter of between 0.3 and 2 microns, the said binder being in a proportion of between 10 and 40% by volume and the particles forming aggregates whose size is between 0.5 and 5 microns.

6. (Currently Amended): Diffusing substrate according to Claim 5, ~~characterized in that~~ wherein the particles are semi-transparent particles ~~and preferably mineral particles, such as oxides, nitrides and carbides~~.

7. (Currently Amended): Diffusing substrate according to ~~any one of the preceding claims, characterized in that~~ claim 1, wherein the glass substrate [[(21)]] has a glass composition based on at least the following constituents:

	% by weight
SiO_2	65-75
Al_2O_3	0-5
CaO	5-15
MgO	0-10
Na_2O	5-20
K_2O	0-10
BaO	0-5
ZnO	0-5

8. (Currently Amended): Diffusing substrate according to Claim 1 [[or 2]], ~~characterized in that~~ wherein the glass substrate [[(21)]] has a minimum light transmission of 91.50% for a thickness e of at most 4.0 mm, with a total iron content of 200 ppm and a redox of less than 0.05.

9. (Currently Amended): Diffusing substrate according to Claim 1, ~~characterized in that~~ wherein the glass substrate [[(21)]] has a minimum light transmission of 91% for a thickness e of at most 4.0 mm, with a total iron content of 160 ppm and a redox of 0.31.

10. (Currently Amended): Diffusing substrate according to Claim 2, ~~characterized in that~~ wherein the glass substrate [[(21)]] has a minimum light transmission of 91.50% for a thickness e of at most 1.5 mm, with a total iron content of 160 ppm and a redox of 0.31.

11. (Currently Amended): Diffusing substrate according to Claim 1, ~~characterized in that~~ wherein the glass substrate [[(21)]] has a minimum light transmission of 91% for a thickness e of at most 1.2 mm, with a total iron content of 800 ppm and a redox of 0.33.

12. (Currently Amended): Diffusing substrate according to Claim 1, ~~characterized in that~~ wherein the glass substrate [[(21)]] has a minimum light transmission of 91% for a thickness e of at most 1.2 mm, with a total iron content of 1050 ppm and a redox of 0.23.

13. (Currently Amended): A backlighting system comprising the diffusing substrate according to Claim 1 ~~Use of a diffusing substrate as described in one of Claims 1 to 12 for producing a backlighting system~~.

14. (Currently Amended): An LCD screen backlighting system comprising the diffusing substrate according to Claim 1 ~~Use according to Claim 13, for which the back-~~

~~lighting system is provided in an LCD screen~~.

15. (Currently Amended): A flat lamp backlighting system comprising the diffusing substrate according to Claim 1 ~~Use according to Claim 13, for which the back-lighting system is provided in a flat lamp~~.

16. (New): Diffusing substrate according to Claim 1, wherein the mineral particles are selected from the group consisting of oxides, nitrides, carbides, and mixtures thereof.

17. (New): A method of minimizing light recycling in a backlighting system comprising depositing a diffusing layer on a glass substrate, wherein the glass substrate has a light transmission at least equal to 91% calculated over the 380 to 780 nm wavelength range according to the EN 410 standard.